

## INTERNATIONAL SEARCH REPORT

 International Application No  
 PCT/FR2004/050618

 A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 B22F3/00 B30B15/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B22F B30B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 24 50 736 B (JURID WERKE GMBH) 5 February 1976 (1976-02-05) column 2 - column 4; claims 3-11; figures 2-5	1-15
Y	FR 2 234 045 A (ARCOS SOUDURE ELECT AUTOGENE) 17 January 1975 (1975-01-17) page 1 - page 2; claims 1-7; figures 1-3	1-15
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 07, 29 September 2000 (2000-09-29) -& JP 2000 119704 A (SUMITOMO ELECTRIC IND LTD), 25 April 2000 (2000-04-25) abstract; figures 1-7 ----- -/--	1-15

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

14 March 2005

Date of mailing of the international search report

11/04/2005

Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Lombois, T

BEST AVAILABLE COPY

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR2004/050618

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 162 463 A (POWER INDUSTRIEANLAGENPLANUNGS) 27 November 1985 (1985-11-27) claim 1; figure 1 -----	1-15
A	FR 2 766 386 A (BLASCO JEAN MICHEL) 29 January 1999 (1999-01-29) page 2 - page 3; claim 1 page 5 - page 7; figures 1-4 -----	1-15
A	US 4 437 613 A (OLSON FLOYD V) 20 March 1984 (1984-03-20) "a particle spreading apparatus for evenly dispersing particles in a STORAGE BIN"claim 1; figures 1,2 -----	1-15
A	US 4 397 423 A (KENNEDY JR ROBERT J ET AL) 9 August 1983 (1983-08-09) "bin loading"claim 1; figure 1 -----	1-15

BEST AVAILABLE COPY